

BlueChart®



marine cartography

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Ottawa, Ontario, K1A 0E6
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INTRODUCTION

BlueChart® g2 is Garmin's exclusive line of highly-detailed marine cartography. BlueChart g2 cartography features smoother layering and better integration of map graphics for faster redraws and more cohesive panning, scrolling, and zooming.

Overview

Blue Chart g2 features richer colors and shading for easier interpretation and improved visibility. BlueChart g2 has all the detail of traditional BlueChart, but with additional functions, such as an optional “mariner’s-eye view” map perspective. With BlueChart g2 preprogrammed data cards, you can access costal roads and points of interest (POIs) as well as a growing worldwide database of high-quality navigationally significant photos. These photos give “real picture” detail for many harbors, ports, marinas and coastal features.



BlueChart g2 cartography features a growing database of aerial photography to give mariners a visual overview of harbors, marinas, waterways, and other points of reference.

Additional BlueChart g2 enhancements include:

- Shaded depth contours
- Mariner's eye view map perspective
- Port plans and navigationally significant photos
- Improved IALA symbology
- Intertidal zones with spot soundings
- Nav aids with view range and coverage
- Data on tides and currents
- Coastal roads, marinas, points of interest
- Wrecks, restricted areas, anchorages
- Shoals, spoilage, and more

Like all BlueChart cartography, BlueChart g2 cartography is styled to match the appearance of paper charts when displayed on your Garmin chartplotter. Sharp, colorful, finely detailed graphics let you see every cartographic contour and feature, with minimal panning and zooming to bring the chart data into focus.

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Warning

Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

When navigating, carefully compare BlueChart g2 information to all available navigation sources, including information from visual sightings, and paper maps. For safety, always resolve any discrepancies or questions before continuing navigation.

Use the electronic BlueChart g2 cartography only to facilitate, not to replace, the use of authorized government charts. Official government charts and notices to mariners contain all information needed to navigate safely.

GETTING STARTED

Garmin BlueChart g2 preprogrammed data cards are available in a region-by-region format. To find out what region or regions will work best for you, please consult your local Garmin marine dealer or visit the Garmin Web site at www.garmin.com. From the Maps & Charts section of the Garmin Web site, you can view the listing of available BlueCharts, the areas of coverage, and the paper charts contained within each card. A printed list is also available, which lists Garmin's current BlueChart g2 cards, part numbers, and the latest pricing.



NOTE: Garmin BlueChart g2 preprogrammed data cards work only with BlueChart g2 compatible Garmin units. Look for the BlueChart g2 compatible logo on the product packaging.



Current owners of Garmin GPSMAP 276, GPSMAP 376, GPSMAP 3005C, GPSMAP 3006C, and GPSMAP 3010C chartplotters can also use BlueChart g2 preprogrammed data cards after loading a required software update.

Installing a BlueChart g2 Preprogrammed Data Card

Look for a compartment door or rubber weather cap on the bottom (or front for large chartplotters) of your Garmin unit. Beneath the door or weather cap is a slot for a data card.



**Data Card Slot on a
GPSMAP 3206/3210**



**Data Card Slot on a
GPSMAP 492/498**

To insert the card, place the card into the slot (connector end first) with the label facing toward the front of the Garmin unit. When the card is in place, close the compartment door, or reinsert the rubber weather cap. See your Garmin unit owner's manual for specific card installation instructions.



Caution

Insert the connector end of the card into the card slot. Improper installation can result in damage to your Garmin unit and can void your warranty.



Caution

BlueChart g2 Preprogrammed Data Card Caution: Do NOT use preprogrammed BlueChart g2 data cards for saving MapSource maps. The preprogrammed data will be lost. Remove any BlueChart g2 cards in your Garmin unit before transferring MapSource maps to the unit to avoid losing the preprogrammed data. If you overwrite the preprogrammed data on a BlueChart g2 card, Garmin will NOT replace or recover the lost data.

VIEWING BLUECHART g2 INFORMATION

BlueChart g2 technology for the coastal United States (including Alaska and Hawaii) is preloaded on Garmin's GPSMAP 492 and GPSMAP 498 chartplotters, as well as its large- display GPSMAP 2200 series and GPSMAP 3200 series of chartplotters.

To access additional BlueChart g2 functionality, you can purchase preprogrammed data cards. These BlueChart g2 data cards include highly detailed coastal roads and points of interest such as restaurants, lodging, local attractions, and more. Full-color aerial photos of ports, marinas, bridges, and navigational landmarks are also included on many data cards. See [page 6](#) for information on viewing photos while using a preprogrammed data card.

Understanding BlueChart g2 Data

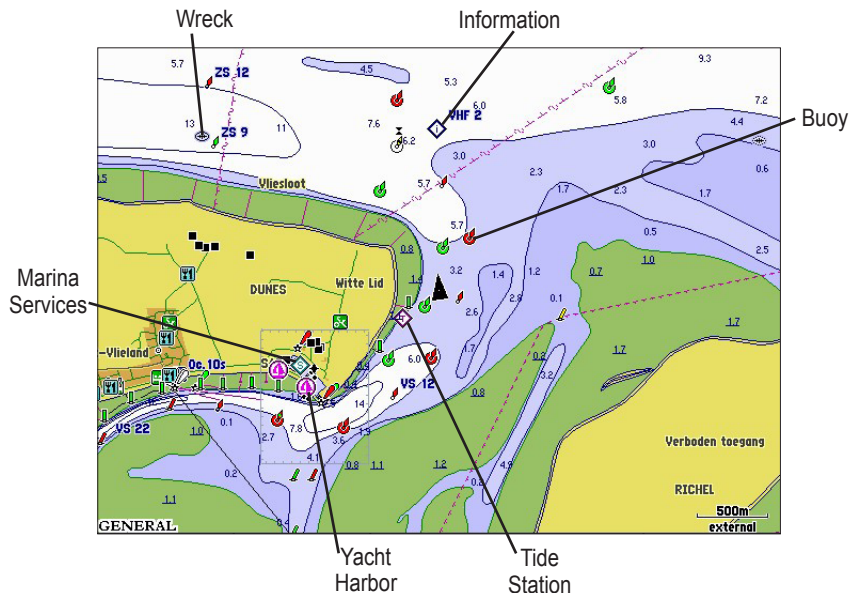
BlueChart g2 electronic charts use graphic symbols to denote map features. Some common symbols you might see include, but are not limited to, the following*:

	Airport/Seaplane Base		Dangerous Rock		Pilot Boarding Area
	Anchorage Berth		Explosive		Precautionary Area
	Anchoring Prohibited		Exposed Rock		Radio Report Point
	Beacon		Exposed Wreck		Recommended Anchorage
	Building		Fishing Harbor		Rescue Station
	Buoy		Fishing Prohibited		Tide Station
	Church		Information		Yacht Harbor
	Current Station		Marina Services		

*Some symbols might appear differently on your Garmin chartplotter.

Other features common to most BlueChart g2 data include:

- Depth contour lines (with deep water represented in white)
- Inter-tidal zones
- Spot soundings, as depicted on the original paper chart
- Navigational aids and symbols
- Obstructions and cable areas



Garmin includes charts and symbols shown on NOAA chart 1, and marine services from other sources. For more information about nautical chart symbols in the USA, see *Chart No. 1 Nautical Chart Symbols Abbreviations and Terms* at www.noaa.com.